

Division 3. Air Resources Board

Chapter 5. Standards for Motor Vehicle Fuels

Subchapter 8.5. Emissions Formula for Employer-Based Trip Reductions

§ 2332. Emissions Formula.

(a) Air pollution control districts and air quality management districts shall use the following emissions formula, or an algebraic expression of the formula which produces the same mathematical results, to determine employer-based emissions reduction goals equivalent to employer-based trip reduction goals:

$$\text{Employer-Based Emissions Reduction Goal} = \left(\begin{array}{l} \text{Average Daily} \\ \text{Peak Period Employees} \\ \text{as defined in district rules} \end{array} \right) \times \left(\frac{1}{\text{AVR Base}} - \frac{1}{\text{AVR Goal}} \right) \times \left(\begin{array}{l} \text{Annual Commute} \\ \text{Emission Factor} \end{array} \right)$$

Example: If peak employees equal 100, AVR Base is 1.2, AVR Goal is 1.5, and Annual Commute Emission Factor for Reactive Organic Gases (ROG) in 1995 is 21 lbs/year, then the Employer-Based Emissions Reduction Goal for ROG equals:

$$(100) \times \left(\frac{1}{1.2} - \frac{1}{1.5} \right) \times (21) = 336 \text{ lbs/year of ROG}$$

(b) The state board shall provide the districts with district-specific annual commute emission factors to be used in the emissions formula and shall periodically update these factors. The factors shall be in a format that allows for varying trip lengths.

(c) Air districts shall give employers with employment sites in more than one air district the option to use the formula as set forth in subdivision (a) of this section to determine emission reduction goals for any or all of their employment sites.

NOTE: Authority cited: Sections 39600, 39601, 40717.5(d) and 40916(c), Health and Safety Code. Reference: Sections 40717, 40717.1, 40717.5, 40916, 40918, 40919, 40920 and 40920.5, Health and Safety Code.

REFERENCE